



Microbac Laboratories, Inc.

Scranton Division

Laboratory ID: 1213978

Certificate of Analysis

Tech Law

Gene Nance
2208 Warwood Ave.
Wheeling, WV 26003

Contact: Gene Nance

Project Name: **TL01-11-12-001/EPA #EP-S3-10-04**

Project / PO Number: 03049.0.001.084.01.RS.A3TA

Date Received: May 24, 2012

Time Received: 12:00 pm

Analytical Testing Parameters

Client Sample ID: **FB23**

Lab Sample ID: **1213978-01**

Collection Date: **5/23/2012**

Collection Time: **1:25 pm**

Collected By: Joel Munson

MICROBIOLOGY

Parameter	Result		Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	<1.0	CPA,A-03	CFU/ml	1.0	SM 9215B	5/24/2012 1745	5/26/2012 1700	GLF
Total Coliform	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB
E. coli	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB

Analytical Testing Parameters

Client Sample ID: **HW63**

Lab Sample ID: **1213978-02**

Collection Date: **5/23/2012**

Collection Time: **1:09 pm**

Collected By: Mike Ferrier

MICROBIOLOGY

Parameter	Result		Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	300	CPA,A-03	CFU/ml	1.0	SM 9215B	5/24/2012 1745	5/26/2012 1700	GLF
Total Coliform	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB
E. coli	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB

Analytical Testing Parameters

Client Sample ID: **HW63z**

Lab Sample ID: **1213978-03**

Collection Date: **5/23/2012**

Collection Time: **1:10 pm**

Collected By: Mike Ferrier

MICROBIOLOGY

Parameter	Result		Units	PQL	Method	Prepared	Analyzed	Analyst
Heterotrophic Plate Count	410	CPA,A-03	CFU/ml	1.0	SM 9215B	5/24/2012 1745	5/26/2012 1700	GLF
Total Coliform	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB
E. coli	<1.0	CPA	CFU/100 ml	1.0	SM 9223B	5/24/2012 1900	5/25/2012 1910	JB



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DIM0269821

Certificate of Analysis

Definitions:

- **CPA:** Denotes results analyzed by Microbac Laboratories, Inc. Central Pennsylvania Division. NELAP accredited by the Pennsylvania DEP (22-00578).
- **A-03:** This sample was analyzed outside the EPA recommended holding time.

Report Comments:

The **PQL** is the **Practical Quantitation Limit**, which is defined as the lowest quantitation level of an analyte that can be readily achieved within the specified limits of precision and accuracy of an analytical method during routine laboratory operating conditions. The value may be raised depending on the characteristics or behavior of the target analyte.

All samples were analyzed "**as received**" from the client. Microbac Laboratories, Inc.- Scranton Division can only assume that all samples were collected and submitted by the CLIENT following the appropriate protocols set forth by the regulatory requirements. This document shall not be reproduced, except in full, without the written approval of Microbac Laboratories, Inc.- Scranton Division. If there are any technical questions pertaining to this laboratory report please contact a Client Services Coordinator or the Laboratory Director at (570) 348-0775.

Reviewed and Approved By:

Date Reviewed and Approved:

Ex. 4 - CBI

6/11/2012

Project Manager

Ex. 4 - CBI

DIM0269820



USEPA CLP Generic COC (LAB COPY)

DateShipped: 5/24/2012

CarrierName: Courier for Northeastern

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #: 11-12

Cooler #: 286

No: 3-052312-163438-0258

Lab: Northeastern Environmental Labs

Lab Contact:

Lab Phone: 570.348.0775

[illegible]

Special Instructions:	Shipment for Case Complete? Y Samples Transferred From Chain of Custody #
Analysis Key: Bacteria=17-Bacteria - Fecal & Total Coliform, HPC	

[illegible]

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on 12